FIG. 1

O6 Algorithm Architecture:

Figure 2

Qualified_Pulse_Period,
Qualified_Period_Age

*Alternative_*
Period_Source

Notify_Pulse_Rejected

Reinitialize

Increment
_Rate_Age

Pulse Rate
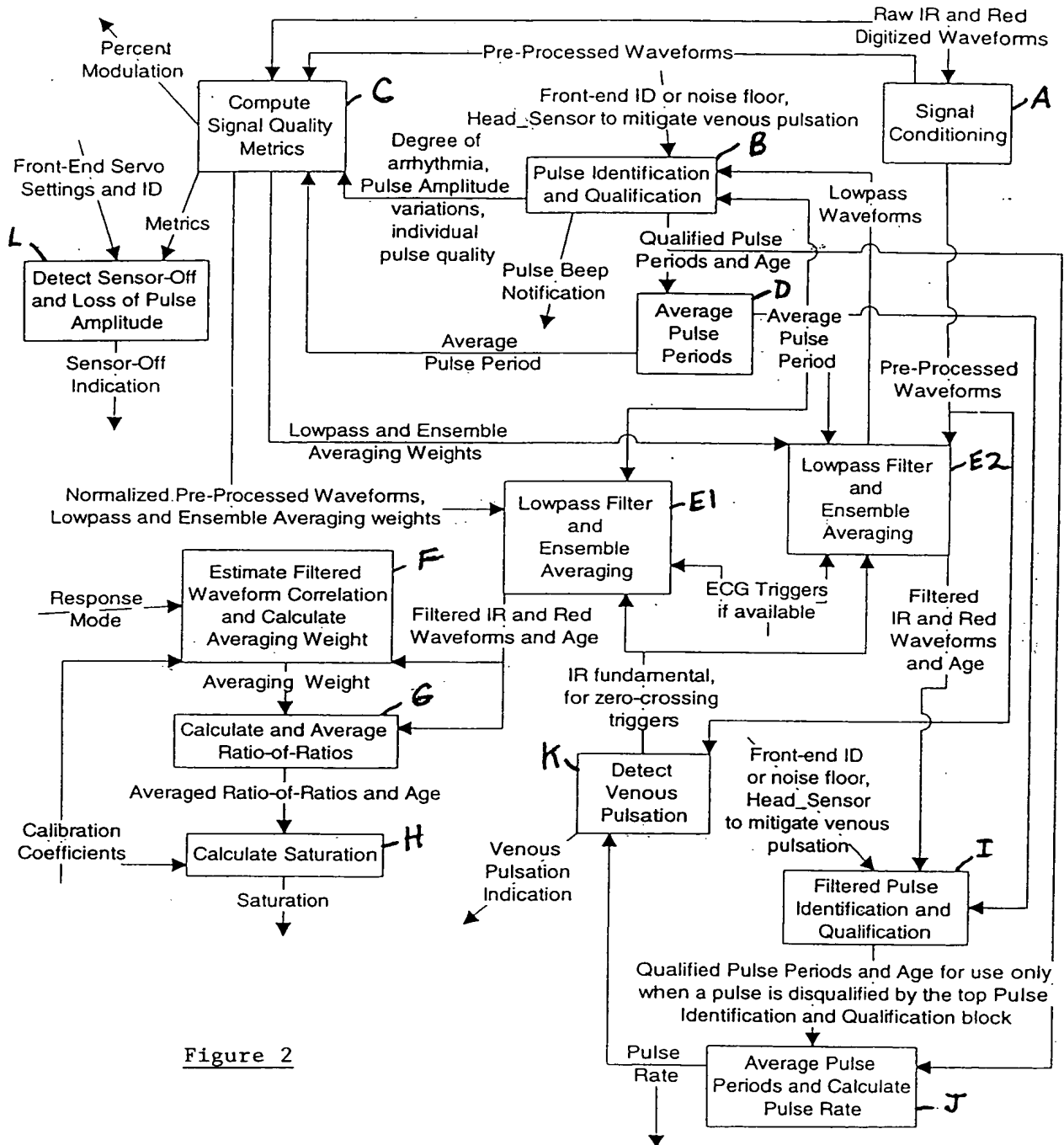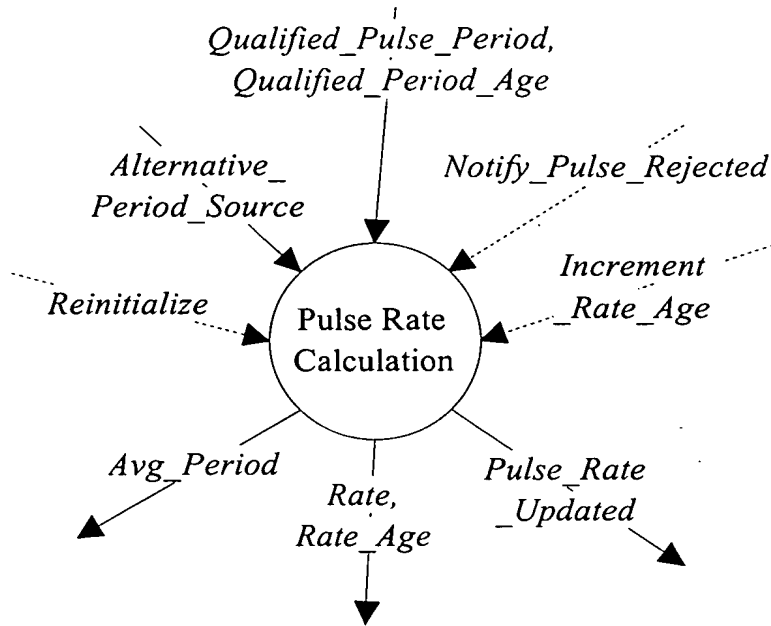Calculation

Avg_Period

Rate,
Rate_Age

Pulse_Rate
_Updated

**Figure 3. Context Diagram for
Pulse Rate Calculation Subsystem**